

Table A.1. Recommended Diagnoses for the Medical Home Demonstration, Based on Hwang et al. Clinical Classification System

Clinical Classification Software (CCS) Single Level Group Name, Grouped by Broad ICD-9 Category	Valid ICD-9 Codes
Suggested Eligible Diagnoses	
Congenital Defects	
Cardiac and circulatory congenital anomalies	DX 745.0, 745.10, 745.11, 745.12, 745.19, 745.2, 745.3, 745.4, 745.5, 745.60, 745.61, 745.69, 745.7, 745.8, 745.9, 746.00, 746.01, 746.02, 746.09, 746.1, 746.2, 746.3, 746.4, 746.5, 746.6, 746.7, 746.81, 746.82, 746.83, 746.84, 746.85, 746.86, 746.87, 746.89, 746.9, 747.10, 747.11
Digestive congenital anomalies	DX 751.3, 751.60, 751.62, 751.7
Genitourinary congenital anomalies	DX 753.0, 753.12, 753.13, 753.14, 753.16, 753.19, 753.20, 753.29, 753.3
Nervous system congenital anomalies	DX 741.00, 741.01, 741.02, 741.03, 741.90, 741.91, 741.92, 741.93, 742.51
Diseases of the Circulatory System	
Heart valve disorders	DX 394.0, 394.1, 394.2, 394.9, 395.0, 395.1, 395.2, 395.9, 396.0, 396.1, 396.2, 396.3, 396.8, 396.9, 397.0, 397.1, 397.9, 424.0, 424.1, 424.2, 424.3
Peri-, endo-, and myocarditis, cardiomyopathy (except that caused by tuberculosis or sexually transmitted disease)	DX 393, 398.90, 398.99, 423.1, 423.2, 423.8, 423.9, 425.1, 425.4, 425.5, 425.7, 425.8, 425.9, 429.0
Hypertension with complications and secondary hypertension	DX 402.00, 402.10, 402.11, 402.90, 402.91, 403.10, 403.11, 403.90, 403.91, 404.00, 404.10, 404.12, 404.13, 404.90, 405.09, 405.11, 405.19, 405.91, 405.99
Coronary atherosclerosis and other heart disease	DX 412, 413.0, 413.1, 413.9, 414.00, 414.01, 414.8, 414.9
Pulmonary heart disease	DX 416.0, 416.1, 416.8, 416.9, 417.1, 417.8, 417.9
Other and ill-defined heart disease	DX 414.10, 414.11, 414.19, 429.1, 429.2, 429.71, 429.81, 429.82, 429.89, 429.9
Conduction disorders	DX 426.0, 426.10, 426.11, 426.12, 426.13, 426.2, 426.3, 426.4, 426.50, 426.51, 426.52, 426.53, 426.54, 426.6, 426.7, 426.81, 426.89
Cardiac dysrhythmias	DX 427.31, 427.32, 427.81, 427.89, 427.9
Congestive heart failure, nonhypertensive	DX 398.91, 428.0, 428.1, 428.9
Occlusion or stenosis of precerebral arteries	DX 433.00, 433.10, 433.20, 433.30, 433.80, 433.90
Other and ill-defined cerebrovascular disease	DX 437.0, 437.4, 437.8, 437.9
Late effects of cerebrovascular disease	DX 438.0, 438.10, 438.11, 438.12, 438.19, 438.2, 438.20, 438.21, 438.22, 438.30, 438.31, 438.32, 438.4, 438.40, 438.41, 438.42, 438.5, 438.50, 438.51, 438.52, 438.53, 438.81, 438.82, 438.89, 438.9

Clinical Classification Software (CCS) Single Level Group Name, Grouped by Broad ICD-9 Category	Valid ICD-9 Codes
Peripheral and visceral atherosclerosis	DX 440.0, 440.1, 440.20, 440.21, 440.22, 440.23, 440.29, 440.8, 440.9, 443.9
Aortic, peripheral, and visceral artery aneurysms	DX 441.9
Other circulatory disease	DX 443.1, 443.81, 443.89, 446.0, 446.20, 446.21, 446.3, 446.4, 446.5, 446.7, 447.6, 447.8, 447.9, 448.0, 448.9, 458.1, 459.9
Includes conditions such as esophageal varices without bleeding (classified by CCS as esophageal disorders)	DX 456.1, 456.21
Complication of device, implant or graft	DX 414.02, 414.03, 414.04, 414.05, 440.30, 440.31, 440.32
Diseases of the Digestive System	
Hepatitis	DX 571.40, 571.41, 571.49
Includes conditions such as chronic vascular insufficiency of intestine (classified by CCS as peripheral and visceral atherosclerosis)	DX 557.1, 557.9
Esophageal disorders	DX 530.0, 530.3, 530.5
Other disorders of stomach and duodenum	DX 537.2, 537.6
Regional enteritis and ulcerative colitis	DX 555.0, 555.1, 555.2, 555.9, 556.0, 556.1, 556.2, 556.3, 556.4, 556.5, 556.6, 556.8, 556.9
Liver disease, alcohol-related	DX 571.0, 571.2, 571.3
Other liver diseases	DX 571.5, 571.6, 571.8, 571.9, 572.3, 572.4, 572.8, 573.0, 573.9
Pancreatic disorders (not diabetes)	DX 577.1, 577.2, 577.8
Other gastrointestinal disorders	DX 564.81, 579.0, 579.2, 579.3, 579.8, 579.9
Complications of gastric and intestinal surgical procedures or medical care	DX 564.2
Diseases of the Urinary and Reproductive Systems	
Nephritis, nephrosis, renal sclerosis	DX 581.0, 581.1, 581.2, 581.3, 581.81, 581.89, 581.9, 582.0, 582.1, 582.2, 582.4, 582.81, 582.89, 582.9, 583.0, 583.1, 583.2, 583.4, 583.6, 583.7, 583.81, 583.89, 583.9, 587
Chronic renal failure	DX 585
Other diseases of kidney and ureters	DX 588.0, 588.1, 588.8, 591, 593.4, 593.71, 593.72, 593.73, 593.9
Other diseases of bladder and urethra	DX 596.4, 596.51, 596.52, 596.53, 596.54, 596.55

Diseases of the Musculoskeletal System

Infective arthritis and osteomyelitis (except that caused by tuberculosis or sexually transmitted disease)	DX 711.10, 711.19, 730.10, 730.11, 730.12, 730.13, 730.14, 730.15, 730.16, 730.17, 730.18, 730.19, 730.70, 730.71, 730.72, 730.73, 730.74, 730.75, 730.76, 730.77, 730.78, 730.79
Rheumatoid arthritis and related disease	DX 714.0, 714.1, 714.2, 714.30, 714.31, 714.32, 714.33, 714.4, 714.81, 714.89, 720.0
Osteoarthritis	DX 715.00, 715.04, 715.09, 715.10, 715.11, 715.12, 715.13, 715.14, 715.15, 715.16, 715.17, 715.18, 715.20, 715.21, 715.22, 715.23, 715.24, 715.25, 715.26, 715.27, 715.28, 715.30, 715.31, 715.32, 715.33, 715.34, 715.35, 715.36, 715.37, 715.38, 715.80, 715.89, 715.90, 715.91, 715.92, 715.93, 715.94, 715.95, 715.96, 715.97, 715.98
Other non-traumatic joint disorders	DX 713.0, 713.1, 713.2, 713.4, 713.5, 713.7, 718.50, 718.51, 718.52, 718.53, 718.54, 718.55, 718.56, 718.57, 718.58, 718.59, 718.80, 718.81, 718.82, 718.83, 718.84, 718.85, 718.86, 718.87, 718.88, 718.89, 718.90, 718.91, 718.92, 718.93, 718.94, 718.95, 718.97, 718.98, 718.99, 719.90, 719.91, 719.92, 719.93, 719.94, 719.95, 719.96, 719.97, 719.98, 719.99
Spondylosis, intervertebral disc disorders, other back problems	DX 720.1, 720.2, 720.81, 720.89, 721.0, 721.1, 721.2, 721.3, 721.41, 721.42, 721.5, 721.6, 721.8, 721.90, 721.91, 722.0, 722.10, 722.11, 722.2, 722.4, 722.51, 722.52, 722.6, 722.70, 722.71, 722.72, 722.73, 722.80, 722.81, 722.82, 722.83, 723.0, 724.00
Other acquired skeletal deformities	DX 737.10, 737.11, 737.12, 737.19, 737.34, 737.39, 737.40, 737.41, 737.42, 737.43, 738.4
Systemic lupus erythematosus and connective tissue disorders	DX 710.0, 710.1, 710.2, 710.3, 710.4, 710.8, 710.9
Other connective tissue disease	DX 710.5, 725, 726.0, 726.11, 729.0, 729.1
Other bone disease and musculoskeletal deformities	DX 731.0, 731.1, 731.2, 731.8, 733.40, 733.41, 733.42, 733.43, 733.44, 733.49, 733.7, 733.92, 733.99

Diseases of the Nervous System

Includes conditions such as Alzheimer's disease (classified by CCS as senility and organic mental disorders)	DX 331.0, 331.0, 331.1, 331.2
Parkinson's disease	DX 332.0
Multiple sclerosis	DX 340
Other hereditary and degenerative nervous system conditions	DX 331.3, 331.4, 331.7, 331.89, 331.9, 333.0, 333.2, 333.90, 333.91, 333.99, 334.3, 334.4, 334.8, 334.9, 335.20, 335.22, 335.23, 335.24, 335.29, 335.8, 335.9, 336.0, 336.2, 336.3, 336.9, 337.0, 337.3, 337.9
Paralysis	DX 342.00, 342.01, 342.02, 342.10, 342.11, 342.12, 342.80, 342.81, 342.82, 342.90, 342.91, 342.92, 343.0, 343.1, 343.2, 343.3, 343.4, 343.8, 343.9, 344.00, 344.01, 344.02, 344.03, 344.04, 344.09, 344.1, 344.30, 344.31, 344.32, 344.40, 344.41, 344.42, 344.5, 344.60, 344.81, 344.89, 344.9
Epilepsy, convulsions	DX 45.00, 345.01, 345.10, 345.11, 345.2, 345.40, 345.41, 345.50, 345.51, 345.70, 345.71, 345.80, 345.81, 345.90, 345.91

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Headache, including migraine	DX 346.00, 346.01, 346.10, 346.11, 346.20, 346.21, 346.80, 346.81, 346.90, 346.91
Other nervous system disorders	DX 341.0, 341.8, 341.9, 344.61, 347.00, 347.01, 348.0, 350.1, 350.8, 350.9, 352.9, 353.6, 354.4, 354.5, 354.8, 354.9, 355.71, 355.79, 355.8, 355.9, 356.1, 356.2, 356.4, 356.8, 356.9, 357.1, 357.2, 357.3, 357.5, 357.8, 358.0, 358.1, 358.2, 358.8, 358.9, 359.0, 359.1, 359.2, 359.3, 359.5
Diseases of the Respiratory System	
Chronic obstructive pulmonary disease and bronchiectasis	DX 491.0, 491.1, 491.20, 491.8, 491.9, 492.8, 496
Asthma	DX 493.00, 493.01, 493.10, 493.11, 493.20, 493.21, 493.90, 493.91
Lung disease due to external agents	DX 495.0, 495.1, 495.2, 495.3, 495.4, 495.5, 495.6, 495.7, 495.8, 495.9, 500, 501, 502, 503, 505, 506.4, 508.1
Other lower respiratory disease	DX 515, 516.0, 516.1, 516.3, 516.8, 516.9, 517.2, 517.8, 518.3, 518.89, 519.8, 519.9
Nutritional Deficiencies and Metabolic and Immunity Disorders	
Diabetes mellitus without complication	DX 250.00, 250.01, 250.02, 250.03,
Diabetes mellitus with complications	DX 250.40, 250.41, 250.42, 250.43, 250.50, 250.51, 250.52, 250.53, 250.60, 250.61, 250.62, 250.63, 250.70, 250.71, 250.72, 250.73, 250.90, 250.91, 250.92, 250.93
Other endocrine disorders	DX 251.1, 251.2, 251.8, 251.9, 252.0, 252.1, 252.9, 253.0, 253.1, 253.2, 253.4, 253.5, 253.6, 253.7, 253.8, 253.9, 255.0, 255.1, 255.3, 255.4, 255.5, 255.8, 255.9, 257.1, 257.2, 258.1, 259.2, 259.3, 259.8, 259.9
Nutritional deficiencies	DX 268.1, 268.2
Gout and other crystal arthropathies	DX 274.10, 274.11, 274.19, 274.81, 274.82, 274.89, 275.0, 275.1, 275.40, 275.49, 275.8, 275.9, 277.1, 277.3, 278.00, 278.01
Cystic fibrosis	DX 277.00, 277.01
Other nutritional, endocrine, and metabolic disorders	DX 273.0, 273.1, 273.2, 273.3, 273.8, 273.9
Mental Disorders	
Mental retardation	DX 317, 318.0, 318.1, 318.2, 319
Alcohol-related mental disorders	DX 291.0, 291.1, 291.2, 291.3, 291.5, 291.81, 291.89, 291.9, 303.03, 303.90, 303.91, 303.92, 303.93, 305.01, 305.02, 305.03
Substance-related mental disorders	DX 292.0, 304.00, 304.01, 304.02, 304.03, 304.10, 304.11, 304.12, 304.13, 304.20, 304.21, 304.22, 304.23, 304.30, 304.31, 304.32, 304.40, 304.41, 304.42, 304.43, 304.50, 304.51, 304.52, 304.53, 304.60, 304.61, 304.62, 304.63, 304.70, 304.71, 304.72, 304.73, 304.80, 304.81, 304.82, 304.83, 304.90, 304.91, 304.92, 304.93, 305.10, 305.11, 305.12, 305.13, 305.21, 305.23, 305.30, 305.31, 305.32, 305.33, 305.40, 305.41, 305.42, 305.43, 305.50, 305.51, 305.52, 305.53, 305.60, 305.61, 305.62, 305.63, 305.70, 305.71, 305.72, 305.73, 305.80, 305.81, 305.82, 305.83, 305.90, 305.91, 305.92, 305.93

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Includes dementias and other persistent mental disorders (classified by CCS as senility and organic mental disorders)	DX 290.0, 290.10, 290.11, 290.12, 290.13, 290.20, 290.21, 290.3, 290.40, 290.41, 290.42, 290.43, 290.8, 290.9, 293.1, 293.81, 293.82, 293.83, 293.84, 293.89, 293.9, 294.0, 294.8, 294.9
Anxiety, somatoform, dissociative, and personality disorders	DX 300.00, 300.01, 300.02, 300.09, 300.23, 300.5, 300.7, 300.81, 300.82, 307.40, 307.42, 307.44, 307.80, 307.81, 307.89, 307.9, 309.81
Other mental conditions	DX 300.89, 300.9, 306.0, 306.1, 306.2, 306.3, 306.4, 306.50, 309.1, 311
Cancers	
Cancer of head and neck	DX 140.0, 140.1, 140.3, 140.4, 140.5, 140.6, 140.8, 140.9, 141.0, 141.1, 141.2, 141.3, 141.4, 141.5, 141.6, 141.8, 141.9, 142.0, 142.1, 142.2, 142.8, 142.9, 143.0, 143.1, 143.8, 143.9, 144.0, 144.1, 144.8, 144.9, 145.0, 145.1, 145.2, 145.3, 145.4, 145.5, 145.6, 145.8, 145.9, 146.0, 146.1, 146.2, 146.3, 146.4, 146.5, 146.6, 146.7, 146.8, 146.9, 147.0, 147.1, 147.2, 147.3, 147.8, 147.9, 148.0, 148.1, 148.2, 148.3, 148.8, 148.9, 149.0, 149.1, 149.8, 149.9, 160.0, 160.1, 160.2, 160.3, 160.4, 160.5, 160.8, 160.9, 161.0, 161.1, 161.2, 161.3, 161.8, 161.9, 195
Cancer of esophagus	DX 150.0, 150.1, 150.2, 150.3, 150.4, 150.5, 150.8, 150.9
Cancer of stomach	DX 151.0, 151.1, 151.2, 151.3, 151.4, 151.5, 151.6, 151.8, 151.9
Cancer of colon	DX 153.0, 153.1, 153.2, 153.3, 153.4, 153.5, 153.6, 153.7, 153.8, 153.9, 159.0
Cancer of rectum and anus	DX 154.0, 154.1, 154.2, 154.3, 154.8
Cancer of liver and intrahepatic bile duct	DX 155.0, 155.1, 155.2
Cancer of pancreas	DX 157.0, 157.1, 157.2, 157.3, 157.4, 157.8, 157.9
Cancer of other GI organs, peritoneum	DX 152.0, 152.1, 152.2, 152.3, 152.8, 152.9, 156.0, 156.1, 156.2, 156.8, 156.9, 158.0, 158.8, 158.9, 159.1, 159.8, 159.9
Cancer of bronchus, lung	DX 162.2, 162.3, 162.4, 162.5, 162.8, 162.9
Cancer, other respiratory and intrathoracic	DX 162.0, 162.3, 162.4, 162.5, 162.8, 162.9, 163.0, 163.1, 163.8, 163.9, 164.0, 164.1, 164.2, 164.3, 164.8, 164.9, 165.0, 165.8, 165.9
Cancer of bone and connective tissue	DX 170.0, 170.1, 170.2, 170.3, 170.4, 170.5, 170.6, 170.7, 170.8, 170.9, 171.0, 171.2, 171.3, 171.4, 171.5, 171.6, 171.7, 171.8, 171.9
Melanomas of skin	DX 172.0, 172.1, 172.2, 172.3, 172.4, 172.5, 172.6, 172.7, 172.8, 172.9
Cancer of breast	DX 174.0, 174.1, 174.2, 174.3, 174.4, 174.5, 174.6, 174.8, 174.9, 175.0, 175.9
Cancer of uterus	DX 179, 182.0, 182.1, 182.8
Cancer of cervix	DX 180.0, 180.1, 180.8, 180.9
Cancer of ovary	DX 183

Clinical Classification Software (CCS) Single Level Group Name, Grouped by Broad ICD-9 Category	Valid ICD-9 Codes
Cancer of other female genital organs	DX 181, 183.2, 183.3, 183.4, 183.5, 183.8, 183.9, 184.0, 184.1, 184.2, 184.3, 184.4, 184.8, 184.9
Cancer of prostate	DX 185
Cancer of testis	DX 186.0, 186.9
Cancer of other male genital organs	DX 187.1, 187.2, 187.3, 187.4, 187.5, 187.6, 187.7, 187.8, 187.9
Cancer of bladder	DX 188, 188.0, 188.1, 188.2, 188.3, 188.4, 188.5, 188.6, 188.7, 188.8, 188.9
Cancer of kidney and renal pelvis	DX 189.0, 189.1
Cancer of other urinary organs	DX 189.2, 189.3, 189.4, 189.8, 189.9
Cancer of brain and nervous system	DX 191.0, 191.1, 191.1, 191.2, 191.3, 191.4, 191.5, 191.6, 191.7, 191.8, 191.9, 192.0, 192.1, 192.2, 192.3, 192.8, 192.9
Cancer of thyroid	DX 193
Hodgkin's disease	DX 201.00, 201.01, 201.02, 201.03, 201.04, 201.05, 201.06, 201.07, 201.08, 201.10, 201.11, 201.12, 201.13, 201.14, 201.15, 201.16, 201.17, 201.18, 201.20, 201.21, 201.22, 201.23, 201.24, 201.25, 201.26, 201.27, 201.28, 201.40, 201.41, 201.42, 201.43, 201.44, 201.45, 201.46, 201.47, 201.48, 201.50, 201.51, 201.52, 201.53, 201.54, 201.55, 201.56, 201.57, 201.58, 201.60, 201.61, 201.62, 201.63, 201.64, 201.65, 201.66, 201.67, 201.68, 201.70, 201.71, 201.72, 201.73, 201.74, 201.75, 201.76, 201.77, 201.78, 201.90, 201.91, 201.92, 201.93, 201.94, 201.95, 201.96, 201.97, 201.98
Non-Hodgkin's lymphoma	DX 200.00, 200.01, 200.02, 200.03, 200.04, 200.05, 200.06, 200.07, 200.08, 200.10, 200.11, 200.12, 200.13, 200.14, 200.15, 200.16, 200.17, 200.18, 200.80, 200.81, 200.82, 200.83, 200.84, 200.85, 200.86, 200.87, 200.88, 202.00, 202.01, 202.02, 202.03, 202.04, 202.05, 202.06, 202.07, 202.08, 202.10, 202.11, 202.12, 202.13, 202.14, 202.15, 202.16, 202.17, 202.18, 202.20, 202.21, 202.22, 202.23, 202.24, 202.25, 202.26, 202.27, 202.28, 202.80, 202.81, 202.82, 202.83, 202.84, 202.85, 202.86, 202.87, 202.88, 202.90, 202.91, 202.92, 202.93, 202.94, 202.95, 202.96, 202.97, 202.98
Leukemias	DX 202.40, 202.41, 202.42, 202.43, 202.44, 202.45, 202.46, 202.47, 202.48, 203.10, 203.11, 204.00, 204.01, 204.10, 204.11, 204.20, 204.21, 204.80, 204.81, 204.90, 204.91, 205.00, 205.01, 205.10, 205.11, 205.20, 205.21, 205.30, 205.31, 205.80, 205.81, 205.90, 205.91, 206.00, 206.01, 206.10, 206.11, 206.20, 206.21, 206.80, 206.81, 206.90, 206.91, 207.00, 207.01, 207.10, 207.11, 207.20, 207.21, 207.80, 207.81, 208.00, 208.01, 208.10, 208.11, 208.20, 208.21, 208.80, 208.81, 208.90, 208.91
Multiple myeloma	DX 203.00, 203.01, 203.80, 203.81
Cancer, other and unspecified primary	DX 176.0, 176.1, 176.2, 176.3, 176.4, 176.5, 176.8, 176.9, 194.0, 194.1, 194.3, 194.4, 194.5, 194.6, 194.8, 194.9, 195.1, 195.2, 195.3, 195.4, 195.5, 195.8, 202.30, 202.31, 202.32, 202.33, 202.34, 202.35, 202.36, 202.37, 202.38
Secondary malignancies	DX 196.0, 196.1, 196.1, 196.2, 196.3, 196.5, 196.6, 196.8, 196.9, 197.0, 197.1, 197.2, 197.3, 197.4, 197.5, 197.6, 197.7, 197.8, 198.0, 198.1, 198.2, 198.3, 198.4, 198.5, 198.6, 198.7, 198.81, 198.82, 198.89
Malignant neoplasm without specification of site	DX 199.0, 199.1
Neoplasms of unspecified nature or uncertain behavior	DX 236.90, 237.70, 237.71, 237.72, 238.4, 238.5, 238.6, 238.7

Injury and Poisoning

Fracture of neck of femur (hip)	DX 905.3
Spinal cord injury	DX 907.2
Crushing injury or internal injury	DX 906.4, 908.0, 908.1, 908.2, 908.3, 908.4
Complications of surgical procedures or medical care	DX 909.3, 997.62
Burns	DX 906.5

Blood-related Diseases

Deficiency and other anemia	DX 284.8, 284.9
Sickle cell anemia	DX 282.60, 282.61, 282.63, 282.69
Coagulation and hemorrhagic disorders	DX 286.0, 286.1, 286.2, 286.3, 286.4, 287.1, 287.3
Other hematologic conditions	DX 289.4, 289.6, 289.8, 289.9

Infectious and Parasitic Diseases

HIV infection	DX 042.0, 042.1, 042.2, 042.9, 043., 043.0, 043.1, 043.2, 043.3, 043.9, 044., 044.0, 044.9
Hepatitis	DX 070.54

Non-organ-specific Symptoms

Senility and organic mental disorders	DX 797
Malaise and fatigue ^a	DX 780.71

Supplementary Classification^b

HIV infection	DX V08
Other liver diseases	DX V42.7
Other nervous system disorders	DX V45.2
Heart valve disorders	DX V42.2, V43.3
Coronary atherosclerosis and other heart disease	DX V45.81

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Conduction disorders	DX V45.00, V45.01, V45.02, V45.09
Other circulatory disease	DX V42.1, V43.2
Other lower respiratory disease	DX V42.6
Chronic renal failure	DX V45.1
Other connective tissue disease	DX V43.60, V43.61, V43.62, V43.63, V43.64, V43.65, V43.66, V43.69, V43.7
Rehabilitation care, fitting of prostheses, and adjustment of devices	DX V52.0, V52.1, V52.4
Conditions Not to Be Used for Assessing Eligibility^e	
Cancer of the head and neck	DX 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 160, 161
Cancer of esophagus	DX 150
Cancer of stomach	DX 151
Cancer of other GI organs, peritoneum	DX 152, 156, 158
Cancer of colon	DX 153, 159
Cancer of rectum and anus	DX 154
Cancer of liver and intrahepatic bile duct	DX 155
Cancer of pancreas	DX 157
Cancer, other respiratory and intrathoracic	DX 162, 163, 165
Cancer, other and unspecified primary	DX 164, 176, 190, 190.0, 190.1, 190.2, 190.3, 190.4, 190.5, 190.6, 190.7, 190.8, 190.9, 194., 195., 202.3, 202.5, 202.50, 202.51, 202.52, 202.53, 202.54, 202.55, 202.56, 202.57, 202.58, 202.6, 202.60, 202.61, 202.62, 202.63, 202.64, 202.65, 202.66, 202.67, 202.68
Cancer of bone and connective tissue	DX 170, 171
Melanomas of the skin	DX 172
Other non-epithelial cancer of skin	DX 173, 173.0, 173.1, 173.2, 173.3, 173.4, 173.5, 173.6, 173.7, 173.8, 173.9
Cancer of breast	DX 174, 175
Cancer of cervix	DX 180

Clinical Classification Software (CCS) Single Level Group Name, Grouped by Broad ICD-9 Category	Valid ICD-9 Codes
Cancer of uterus	DX 182
Cancer of ovary	DX 183
Cancer of other female genital organs	DX 184
Cancer of testis	DX 186
Cancer of other male genital organs	DX 187
Cancer of kidney and renal pelvis	DX 189
Cancer of brain and nervous system	DX 191, 192
Secondary malignancies	DX 196, 197, 198, 198.8
Malignant neoplasm without specification of site	DX 199
Non-Hodgkin's lymphoma	DX 200, 200.0, 200.1, 200.2, 200.20, 200.21, 200.22, 200.23, 200.24, 200.25, 200.26, 200.27, 200.28, 200.8, 202., 202.0, 202.1, 202.2, 202.8, 202.9
Hodgkin's disease	DX 201, 201.0, 201.1, 201.2, 201.4, 201.5, 201.6, 201.7, 201.9
Multiple myeloma	DX 203, 203.0, 203.8
Leukemias	DX 203.1, 204., 204.0, 204.1, 204.2, 204.8, 204.9, 205, 205.0, 205.1, 205.2, 205.3, 205.8, 205.9, 206, 206.0, 206.1, 206.2, 206.8, 206.9, 207, 207.0, 207.1, 207.2, 207.8, 208, 208.0, 208.1, 208.2, 208.8, 208.9
Neoplasms of unspecified nature or uncertain behavior	DX 237.7
Tuberculosis	DX 137, 137.0, 137.1, 137.2, 137.3, 137.4
Bacterial infection, unspecified site	DX 030, 030.0, 030.1, 030.2, 030.3, 030.8, 030.9, 040.1
Viral infection	DX 053.12, 053.13, 079.5, 079.50, 079.51, 079.52, 079.59
Other infections, including parasitic	DX 086, 086.0, 086.2, 102.5, 102.6, 125.0, 125.1, 125.5, 125.6, 135, 139.8
Sexually transmitted infections (not HIV or hepatitis)	DX 090.5, 090.7, 091.50, 093.1, 093.22, 093.24, 093.9, 094.0, 094.1, 094.3, 094.82, 094.83, 094.86, 095.0, 095.0, 095.1, 095.2, 095.3, 095.4, 095.5, 095.6, 095.7, 095.8, 095.9, 099.3
HIV Infection	DX 042, 079.53, 279.10, 279.10, 279.19, 279.19, 795.8
Hepatitis	DX 070.30

Clinical Classification Software (CCS) Single Level Group Name, Grouped by Broad ICD-9 Category	Valid ICD-9 Codes
Immunizations and screening for infectious disease	DX V02.6, V02.60, V02.61, V02.62, V02.69
Maintenance chemotherapy, radiotherapy	DX V58.0, V58.1, V67.1, V67.2
Thyroid disorders	DX 240, 240.0, 240.9, 241, 241.0, 241.1, 241.9, 242, 242.0, 242.00, 242.01, 242.1, 242.10, 242.2, 242.20, 242.3, 242.30, 242.4, 242.40, 242.41, 242.8, 242.80, 242.81, 242.9, 242.90, 242.91, 243, 244, 244.0, 244.1, 244.2, 244.3, 244.8, 244.9, 245, 245.2, 245.3, 245.8, 246, 246.0, 246.1, 246.8, 246.9
Diabetes mellitus without complication	DX 250, 250.0
Diabetes mellitus with complication	DX 250.4, 250.5, 250.6, 250.7, 250.8, 250.9
Other endocrine disorders	DX 251, 251.4, 251.5, 252, 253, 253.3, 255, 255.2, 256.4, 258, 258.0, 258.8, 258.9, 259
Nutritional deficiencies	DX 268
Other nutritional, endocrine, and metabolic disorders	DX 270, 270.0, 270.1, 270.2, 270.3, 270.4, 270.5, 270.6, 270.7, 270.8, 270.9, 271, 271.0, 271.03, 271.1, 271.2, 271.3, 271.4, 271.8, 271.9, 272.5, 272.6, 272.7, 272.8, 272.9, 273., 275., 275.3, 275.4, 277.2, 277.5, 277.6, 277.8, 277.9, 278., 278.0, 278.4
Disorders of lipid metabolism	DX 272, 272.0, 272.00, 272.1, 272.2, 272.3, 272.4
Gout and other crystal arthropathies	DX 274.1
Cystic fibrosis	DX 277.0
Immunity disorders	DX 279, 279.0, 279.00, 279.01, 279.02, 279.03, 279.04, 279.05, 279.06, 279.09, 279.1, 279.11, 279.12, 279.13, 279.2, 279.3, 279.4, 279.8, 279.9
Deficiency and other anemia	DX 281, 281.0, 281.1, 281.3, 282, 282.0, 282.1, 282.2, 282.3, 282.4, 282.7, 282.8, 282.9, 284, 284.0, 288.1, 288.2
Sickle cell anemia	DX 282.6
Senility and organic mental disorders	DX 290, 290.1, 290.2, 290.4, 293, 293.8, 294, 294.1, 310, 331
Alcohol-related mental disorders	DX 291, 291.12, 291.8, 303, 303.0, 303.00, 303.01, 303.02, 303.9
Substance-related mental disorders	DX 292, 304, 304.0, 304.1, 304.2, 304.3, 304.4, 304.5, 304.6, 304.7, 304.8, 304.9, 305.0, 305.2, 305.3, 305.4, 305.5, 305.6, 305.7, 305.8, 305.9
Schizophrenia and related disorders	DX 295, 295.0, 295.00, 295.01, 295.02, 295.03, 295.04, 295.05, 295.1, 295.10, 295.11, 295.12, 295.13, 295.14, 295.15, 295.2, 295.20, 295.21, 295.22, 295.23, 295.24, 295.25, 295.3, 295.30, 295.31, 295.32, 295.33, 295.34, 295.35, 295.4, 295.40, 295.41, 295.42, 295.43, 295.44, 295.45, 295.5, 295.50, 295.51, 295.52, 295.53, 295.54, 295.55, 295.6, 295.60, 295.61, 295.62, 295.63, 295.64, 295.65, 295.7, 295.70, 295.71, 295.72, 295.73, 295.74, 295.75, 295.8, 295.80, 295.81, 295.82, 295.83, 295.84, 295.85, 295.9, 295.90, 295.91, 295.92, 295.93, 295.94, 295.95, 299, 299.0, 299.00, 299.01, 299.1, 299.10, 299.11, 299.8, 299.80, 299.81, 299.9, 299.90, 299.91

Clinical Classification Software (CCS) Single Level Group Name, Grouped by Broad ICD-9 Category	Valid ICD-9 Codes
Affective disorders	DX 296, 296.0, 296.00, 296.01, 296.02, 296.03, 296.04, 296.05, 296.06, 296.1, 296.10, 296.11, 296.12, 296.13, 296.14, 296.15, 296.16, 296.2, 296.20, 296.21, 296.22, 296.23, 296.24, 296.25, 296.26, 296.3, 296.30, 296.31, 296.32, 296.33, 296.34, 296.35, 296.36, 296.4, 296.40, 296.41, 296.42, 296.43, 296.44, 296.45, 296.46, 296.5, 296.50, 296.51, 296.52, 296.53, 296.54, 296.55, 296.56, 296.6, 296.60, 296.61, 296.62, 296.63, 296.64, 296.65, 296.66, 296.7, 296.8, 296.80, 296.81, 296.82, 296.89, 296.9, 296.90, 296.99, 298., 298.0, 301.11, 301.13
Other psychoses	DX 297, 297.0, 297.1, 297.2, 297.3, 297.8, 297.9, 298.1, 298.2, 298.3, 298.4, 298.8, 298.9
Anxiety, somatoform, dissociative, and personality disorders	DX 300, 300.0, 300.13, 300.14, 300.15, 300.16, 300.19, 300.2, 300.20, 300.21, 300.22, 300.29, 300.3, 300.4, 300.6, 300.8, 301, 301.0, 301.1, 301.10, 301.12, 301.2, 301.20, 301.21, 301.22, 301.3, 301.4, 301.5, 301.50, 301.51, 301.59, 301.6, 301.7, 301.8, 301.81, 301.82, 301.83, 301.84, 301.89, 301.9, 307.8, 312.3, 312.30, 312.31, 312.32, 312.33, 312.34, 312.35, 312.39, 312.90
Other mental conditions	DX 302.1, 302.2, 302.3, 302.4, 302.5, 302.50, 302.51, 302.52, 302.53, 302.6, 302.8, 302.81, 302.82, 302.83, 302.84, 302.85, 302.89, 302.9, 306., 306.5, 306.51, 306.52, 306.53, 306.59, 306.6, 306.7, 306.8, 306.9, 307, 307.0, 307.1, 307.2, 307.20, 307.22, 307.23, 307.3, 307.5, 307.50, 307.51, 307.52, 307.53, 307.54, 307.59, 307.6, 307.7, 313.1, 313.22, 313.23, 313.3, 313.8, 313.81, 313.83, 313.89, 313.9, 315., 315.0, 315.00, 315.01, 315.02, 315.09, 315.1, 315.2, 315.3, 315.31, 315.32, 315.39, 315.4, 315.5, 315.8, 315.9, 316
Preadult disorders	DX 309.21, 312, 312.0, 312.00, 312.01, 312.02, 312.03, 312.1, 312.10, 312.11, 312.12, 312.13, 312.2, 312.20, 312.21, 312.22, 312.23, 312.4, 312.8, 312.81, 312.82, 312.89, 312.9, 313, 313.0, 313.2, 313.21, 314, 314.0, 314.00, 314.01, 314.1, 314.2, 314.8, 314.9
Mental retardation	DX 318
Meningitis (except that caused by tuberculosis or sexually transmitted disease)	DX 322.2
Encephalitis (except that caused by tuberculosis or sexually transmitted disease)	DX 046.2, 139, 139.0
Other CNS infection and poliomyelitis	DX 046, 046.0, 046.1, 046.3, 046.8, 046.9, 138, 326
Other hereditary and degenerative nervous system conditions	DX 330, 330.0, 330.1, 330.2, 330.3, 330.8, 330.9, 331.8, 333., 333.4, 333.6, 333.7, 333.9, 333.93, 334, 334.0, 334.1, 334.2, 335, 335.0, 335.1, 335.10, 335.11, 335.19, 335.2, 335.21, 336, 337
Parkinson's disease	DX 332
Other nervous system disorders	DX 341, 341.1, 347.0, 347.1, 350, 352, 354, 355, 355.1, 355.7, 356, 356.0, 356.3, 358, 359
Paralysis	DX 342, 342.0, 342.1, 342.9, 343, 344.0, 344.3, 344.4, 344.6, 344.8
Epilepsy, convulsions	DX 345, 345.0, 345.1, 345.4, 345.5, 345.6, 345.60, 345.61, 345.7, 345.8, 345.9
Headache, including migraine	DX 346, 346.0, 346.1, 346.2, 346.8, 346.9
Cataract	DX 366., 366.0, 366.00, 366.01, 366.02, 366.03, 366.04, 366.09, 366.1, 366.10, 366.11, 366.12, 366.13, 366.14, 366.15, 366.16, 366.17, 366.19, 366.3, 366.30, 366.31, 366.32, 366.33, 366.34, 366.4, 366.41, 366.42, 366.43, 366.44, 366.45, 366.46, 366.5, 366.50, 366.51, 366.52, 366.53, 366.8, 366.9, V43, V43.1

Clinical Classification Software (CCS) Single Level Group Name, Grouped by Broad ICD-9 Category	Valid ICD-9 Codes
Retinal detachments, defects, vascular occlusion, and retinopathy	DX 361.06, 361.07, 361.1, 361.10, 361.11, 361.12, 361.13, 361.14, 361.19, 361.2, 361.3, 361.30, 361.31, 361.33, 362, 362.0, 362.01, 362.02, 362.1, 362.10, 362.11, 362.12, 362.15, 362.16, 362.17, 362.18, 362.2, 362.21, 362.29, 362.3, 362.30, 362.31, 362.32, 362.33, 362.35, 362.36, 362.4, 362.40, 362.41, 362.42, 362.43, 362.5, 362.50, 362.51, 362.52, 362.53, 362.54, 362.56, 362.57, 362.6, 362.60, 362.61, 362.62, 362.63, 362.64, 362.65, 362.66, 362.7, 362.70, 362.71, 362.72, 362.73, 362.74, 362.75, 362.76, 362.77
Glaucoma	DX 365, 365.0, 365.00, 365.01, 365.02, 365.04, 365.1, 365.10, 365.11, 365.12, 365.13, 365.14, 365.15, 365.2, 365.20, 365.21, 365.23, 365.24, 365.31, 365.4, 365.41, 365.42, 365.43, 365.44, 365.5, 365.51, 365.52, 365.59, 365.6, 365.60, 365.61, 365.62, 365.63, 365.64, 365.8, 365.81, 365.82, 365.89, 365.9
Inflammation, infection of eye (except that caused by tuberculosis or sexually transmitted disease)	DX 054.4, 054.42, 054.43, 054.44, 054.49, 055.71, 115.02, 139.1, 360.03, 360.12, 363, 363.0, 363.00, 363.01, 363.03, 363.04, 363.05, 363.06, 363.07, 363.08, 363.1, 363.10, 363.11, 363.12, 363.13, 363.14, 363.15, 363.2, 363.20, 363.21, 363.22, 364, 364.1, 364.10, 364.11, 364.2, 364.21, 364.24, 364.3, 370.23, 370.3, 370.31, 370.32, 370.33, 370.35, 370.5, 370.50, 370.52, 370.54, 370.59, 370.8, 372.1, 372.10, 372.11, 372.12, 372.13, 372.14, 372.15, 372.2, 372.20, 372.21, 372.22, 372.3, 372.31, 372.39, 373, 373.00, 373.01, 375.0, 375.02, 375.41, 375.42, 376.1, 376.10, 376.11, 376.12, 376.13, 377.33, 379.0, 379.00, 379.04, 379.05, 379.07
Mycoses	DX 117.0, 117.4
Other eye disorders	DX 360.2, 360.20, 360.21, 360.23, 360.24, 360.29, 360.4, 360.40, 360.41, 360.42, 360.5, 360.50, 360.51, 360.52, 360.53, 360.54, 360.55, 360.59, 363.4, 363.40, 363.41, 363.42, 363.43, 363.5, 363.50, 363.51, 363.52, 363.53, 363.54, 363.55, 363.56, 363.57, 364.5, 364.51, 364.53, 364.54, 364.55, 364.56, 364.57, 364.59, 364.6, 364.60, 364.61, 364.62, 364.63, 364.64, 364.76, 364.77, 364.8, 364.9, 370.01, 370.02, 370.03, 370.04, 370.05, 370.07, 371., 371.0, 371.00, 371.03, 371.04, 371.05, 371.23, 371.4, 371.40, 371.42, 371.43, 371.44, 371.45, 371.46, 371.48, 371.49, 371.5, 371.50, 371.51, 371.52, 371.53, 371.54, 371.55, 371.56, 371.57, 371.58, 371.6, 371.60, 371.61, 371.7, 371.70, 371.71, 371.73, 371.81, 372.5, 372.50, 372.51, 372.52, 372.53, 372.54, 372.55, 372.56, 372.6, 372.61, 372.62, 372.63, 372.64, 372.8, 372.9, 374.0, 374.05, 374.1, 374.10, 374.11, 374.12, 374.13, 374.14, 374.2, 374.21, 374.22, 374.23, 374.43, 374.46, 374.50, 375.1, 375.15, 376.2, 376.21, 376.22, 377.11, 377.12, 377.13, 377.16, 377.2, 377.21, 377.22, 377.23, 377.41, 377.5, 377.51, 377.52, 377.53, 377.54, 377.6, 377.61, 377.62, 377.63, 377.7, 377.71, 377.72, 377.73, 377.75, 377.9, 378, 378.0, 378.00, 378.01, 378.02, 378.03, 378.04, 378.05, 378.06, 378.07, 378.08, 378.1, 378.10, 378.11, 378.12, 378.13, 378.14, 378.15, 378.16, 378.17, 378.18, 378.2, 378.20, 378.21, 378.22, 378.23, 378.24, 378.3, 378.30, 378.31, 378.32, 378.33, 378.34, 378.35, 378.4, 378.40, 378.41, 378.42, 378.43, 378.44, 378.45, 378.7, 378.71, 378.72, 378.73, 378.8, 378.82, 378.83, 378.84, 378.85, 379.1, 379.11, 379.12, 379.13, 379.14, 379.15, 379.16, 379.19, 379.2, 379.23, 379.24, 379.25, 379.26, 379.29, 379.3, 379.31, 379.32, 379.33, 379.34, 379.39, 379.53, 379.54, 379.55, V52.2
Blindness and vision defects	DX 367, 367.0, 367.1, 367.2, 367.20, 367.21, 367.22, 367.3, 367.31, 367.32, 367.4, 367.51, 367.53, 367.89, 367.9, 368, 368.0, 368.00, 368.01, 368.02, 368.03, 368.3, 368.30, 368.31, 368.32, 368.6, 369, 369.0, 369.00, 369.01, 369.02, 369.03, 369.04, 369.05, 369.06, 369.07, 369.08, 369.1, 369.10, 369.11, 369.12, 369.13, 369.14, 369.15, 369.16, 369.17, 369.18, 369.2, 369.20, 369.21, 369.22, 369.23, 369.24, 369.25, 369.3, 369.4, 369.6, 369.60, 369.61, 369.62, 369.63, 369.64, 369.65, 369.66, 369.67, 369.68, 369.69, 369.7, 369.70, 369.71, 369.72, 369.73, 369.74, 369.75, 369.76, 369.8, 369.9
Other ear and sense organ disorders	DX 380.02, 380.16, 380.5, 380.50, 380.53, 385.3, 385.30, 385.31, 385.32, 385.33, 385.35, 385.8, 385.82, 385.83, 385.89, 385.9, 388.0, 388.00, 388.01, 388.5, 389., 389.1, 389.10, 389.11, 389.12, 389.14, 389.18, 389.7, 389.9
Otitis media and related conditions	DX 381.19, 381.5, 381.52, 381.6, 381.61, 381.62, 381.81, 383.1, 383.3, 383.30, 383.32, 383.33, 383.89, 384.8, 384.81, 384.82, 385, 385.0, 385.00, 385.01, 385.02, 385.03, 385.09, 385.1, 385.10, 385.11, 385.12, 385.13, 385.19, 385.2, 385.21, 385.22, 385.23, 385.24, 387, 387.0, 387.1, 387.2, 387.8, 387.9
Conditions associated with dizziness or vertigo	DX 386, 386.0, 386.00, 386.01, 386.02, 386.03, 386.10, 386.12, 386.58, 386.9

Clinical Classification Software (CCS) Single Level Group Name, Grouped by Broad ICD-9 Category	Valid ICD-9 Codes
Heart valve disorders	DX 394, 395, 396, 397, 424
Peri-, endo-, and myocarditis, cardiomyopathy (except that caused by tuberculosis or sexually transmitted disease)	DX 398, 398.9, 423, 425, 425.0, 425.2, 425.3, 429
Essential hypertension	DX 401, 401.1, 401.9
Hypertension with complications and secondary hypertension	DX 402, 402.0, 402.1, 402.9, 403., 403.1, 403.9, 404., 404.0, 404.1, 404.9, 405., 405.1, 405.9
Coronary atherosclerosis and other heart disease	DX 413, 414, 414.0
Other and ill-defined heart disease	DX 414.1, 429.8, 437, 437.5
Pulmonary heart disease	DX 416, 417
Conduction disorders	DX 426, 426.1, 426.5, 426.8, V45.0
Cardiac dysrhythmias	DX 427, 427.3, 427.8
Congestive heart failure, nonhypertensive	DX 428
Occlusion or stenosis of precerebral arteries	DX 433, 433.0, 433.1, 433.2, 433.3, 433.8, 433.9
Late effects of cerebrovascular disease	DX 438., 438.1, 438.3, 438.8
Peripheral and visceral atherosclerosis	DX 440, 440.2, 557
Aortic, peripheral, and visceral artery aneurysms	DX 441
Other circulatory disease	DX 443, 443.8, 446, 447, 448
Esophageal disorders	DX 456.2, 530
Other diseases of veins and lymphatics	DX 459, 459.1, 459.8, 459.81
Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	DX 517, 517.1
Pleurisy, pneumothorax, pulmonary collapse	DX 518.1, 518.2
Respiratory failure, insufficiency, arrest (adult)	DX 518.8, 518.81, 518.83, 518.84, V46.1
Other upper respiratory disease	DX 471.1, 476, 476.0, 476.1, 478.3, 478.30, 478.31, 478.32, 478.33, 478.34, V44, V44.0

Clinical Classification Software (CCS) Single Level Group Name, Grouped by Broad ICD-9 Category	Valid ICD-9 Codes
Chronic obstructive pulmonary disease and bronchiectasis	DX 491, 491.2, 492, 494
Asthma	DX 493, 493.0, 493.1, 493.2, 493.9
Lung disease due to external agents	DX 495, 508
Other lower respiratory disease	DX 516, 516.2
Disorders of teeth and jaw	DX 524.8
Diseases of mouth, excluding dental	DX 527.7
Gastritis and duodenitis	DX 535.1
Regional enteritis and ulcerative colitis	DX 555, 556
Other gastrointestinal disorders	DX 564.1, 564.5, 564.8, 564.89, 564.9, 579, 579.1
Liver disease, alcohol-related	DX 571
Hepatitis	DX 571.4
Other liver diseases	DX 572
Nephritis, nephrosis, renal sclerosis	DX 581, 581.8, 582, 582.8, 583, 583.8
Acute and unspecified renal failure	DX 586
Other diseases of kidney and ureters	DX 588, 596.5
Urinary tract infections	DX 590.0, 590.00, 595.1
Hyperplasia of prostate	DX 600
Inflammatory conditions of male genital organs	DX 601.1
Other male genital disorders	DX 607.8, 607.84, 607.89
Nonmalignant breast conditions	DX 610, 610.1, 610.2, 610.3, 610.4, 610.8, 610.9
Endometriosis	DX 617, 617.0, 617.1, 617.2, 617.3, 617.4, 617.5, 617.6, 617.8, 617.9
Menstrual disorders	DX 625.3
Other female genital disorders	DX 625.4, 625.6, 625.8

Clinical Classification Software (CCS) Single Level Group Name, Grouped by Broad ICD-9 Category	Valid ICD-9 Codes
Other complications of pregnancy	DX 648.1, 648.10, 648.11, 648.12, 648.13, 648.14, 648.40, 648.5, 648.50, 648.51, 648.52, 648.53, 648.54, 648.7, 648.70, 648.71, 648.72, 648.73, 648.74
Hypertension complicating pregnancy, childbirth and the puerperium	DX 642.0, 642.00, 642.01, 642.02, 642.03, 642.04, 642.1, 642.10, 642.11, 642.12, 642.13, 642.14, 642.2, 642.20, 642.21, 642.22, 642.23, 642.24
Diabetes or abnormal glucose tolerance complicating pregnancy, childbirth, or the puerperium	DX 648.0, 648.00, 648.01, 648.02, 648.04
Other inflammatory condition of skin	DX 694.61, 696.0
Chronic ulcer of skin	DX 707, 707.1, 707.9
Other skin disorders	DX 704.01
Systemic lupus erythematosus and connective tissue disorders	DX 710
Infective arthritis and osteomyelitis (except that caused by tuberculosis or sexually transmitted disease)	DX 711.1, 730.1, 730.7
Other non-traumatic joint disorders	DX 713
Rheumatoid arthritis and related disease	DX 714, 714.3, 714.8, 720
Osteoarthritis	DX 715, 715.0, 715.06, 715.1, 715.2, 715.3, 715.8, 715.86, 715.87, 715.9, 715.99
Other non-traumatic joint disorders	DX 716.01, 716.02, 716.03, 716.04, 716.05, 718.5, 718.8, 718.9, 719.2, 719.20, 719.21, 719.22, 719.23, 719.24, 719.25, 719.26, 719.27, 719.28, 719.29, 719.9
Spondylosis, intervertebral disc disorders, other back problems	DX 720.8, 721, 721.4, 721.9, 722, 722.1, 722.5, 722.7, 722.8, 724.0
Other connective tissue disease	DX 726.61, 726.62, 726.63, 728.1, 728.10, 728.11, 728.12, 728.19, 728.3, 729, 729.91, V43.6
Other bone disease and musculoskeletal deformities	DX 731, 732, 732.0, 732.1, 732.2, 732.3, 732.4, 732.5, 732.6, 732.7, 732.8, 733.4, 733.5
Osteoporosis	DX 733.0, 733.00, 733.01, 733.02, 733.03, 733.09
Acquired foot deformities	DX 735.2, 735.3, 735.4, 735.5, 735.8, 735.9
Other acquired deformities	DX 736.1, 737.1, 737.4
Nervous system congenital anomalies	DX 740.1, 740.2, 741, 741.0, 741.9, 742, 742.0, 742.1, 742.2, 742.3, 742.4, 742.5, 742.53, 742.9

Clinical Classification Software (CCS) Single Level Group Name, Grouped by Broad ICD-9 Category	Valid ICD-9 Codes
Other congenital anomalies	DX 743.0, 743.00, 743.03, 743.06, 743.1, 743.10, 743.12, 743.2, 743.20, 743.21, 743.22, 743.32, 743.33, 743.34, 743.35, 743.36, 743.37, 743.39, 743.4, 743.41, 743.42, 743.43, 743.44, 743.45, 743.46, 743.47, 743.48, 743.49, 743.5, 743.51, 743.52, 743.53, 743.54, 743.55, 743.56, 743.57, 743.58, 743.59, 743.6, 743.61, 743.62, 743.63, 743.64, 743.65, 743.66, 743.69, 743.8, 743.9, 748.4, 748.5, 748.6, 748.60, 748.61, 748.69, 754.3, 754.30, 754.31, 754.32, 754.33, 754.35, 756, 756.1, 756.11, 756.12, 756.13, 756.14, 756.15, 756.16, 756.17, 756.4, 756.5, 756.50, 756.51, 756.52, 756.54, 756.55, 756.56, 756.59, 756.7, 756.71, 756.8, 756.83, 756.89, 756.9, 757.0, 758, 758.0, 758.3, 758.6, 758.7, 758.8, 758.81, 758.89, 758.9, 759.5, 759.59, 759.6, 759.7, 759.8, 759.81, 759.82, 759.83, 759.89
Cardiac and circulatory congenital anomalies	DX 745, 745.1, 745.6, 746., 746.0, 746.8, 747.1, 747.2
Digestive congenital anomalies	DX 751.6, 751.61
Genitourinary congenital anomalies	DX 752.7, 753.1, 753.10, 753.11, 753.15, 753.17, 753.2, 753.21, 753.22, 753.23
Hemolytic jaundice and perinatal jaundice	DX 774
Other perinatal conditions	DX 775.1, 775.2, 775.3
Joint disorders and dislocations, trauma-related	DX 717, 717.7, 717.8, 717.81, 717.82, 717.83, 717.84, 717.85, 717.89, 717.9, 718, 718.0, 718.00, 718.01, 718.02, 718.03, 718.04, 718.05, 718.07, 718.08, 718.09, 905.6
Fracture of upper limb	DX 905.2, 905.4
Other fractures	DX 905, 905.1, 905.5
Sprains and strains	DX 905.7
Intracranial injury	DX 907, 907.0
Open wounds of extremities	DX 905.8, 905.9
Poisoning by other medications and drugs	DX 909, 909.0, 909.5
Poisoning by nonmedicinal substances	DX 909.1
Other injuries and conditions due to external causes	DX 907.1, 907.3, 907.4, 907.5, 907.9, 908.5, 908.6, 908.9, 909.2, 909.4, 909.9, 995.50, 995.51, 995.52, 995.80, 995.82, 995.84
Crushing injury or internal injury	DX 908
Gangrene	DX 440.24
Allergic reactions	DX 518.6
Rehabilitation care, fitting of prostheses, and adjustment of devices	DX V52

Clinical Classification Software (CCS) Single Level Group
Name, Grouped by Broad ICD-9 Category

Valid ICD-9 Codes

Residual codes, unclassified	DX 302., 302.0, 780.5, 780.50, 780.51, 780.52, 780.53, 780.54, 780.55, 780.56, 780.57, 780.59, V42.8, V42.81, V42.82, V42.83, V46, V46.0, V46.8, V46.9
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Source: Hwang et al. (2001).

Note: ICD-9 codes are grouped into mutually exclusive categories of conditions using AHRQ's Clinical Classification System. There is no recommended timeframe or service location for having a claim with these conditions.

⁹Includes Chronic Fatigue Syndrome (CFS). CFS is common in primary care (Wessely et al. 1997), and patients with CFS see multiple physicians and have high health care costs (Bombardier and Buchwald 1996).

¹ICD-9 has a separate classification called "Supplementary Classification of Factors Influencing Health Status and Contact with Health Services." It includes diagnoses such as "heart valve replaced by transplant" and "postsurgical aortocoronary bypass status."

²Three physicians reviewed this list and independently agreed a medical home would not benefit from serving beneficiaries whose main diagnosis was one of these conditions. Beneficiaries with these conditions would be eligible for the demonstration if they had one or more of the suggested eligible diagnoses.